

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Title: Time-Multiplexed Short-Range Magnetic
Communications

Reissue Application of U.S. Patent No. 5,982,764

Date: 11/6/01

Express Mail Label No. EL930599485US

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please amend the application as follows:

In the Claims

Please add Claims 5-106.

5. A method for magnetic induction time-multiplexed two-way short-range wireless communications, comprising:
during a first period of time, generating from a first unit with a first unit transducer system a first inductive field and receiving the first inductive field at a second unit with a second unit transducer system, the first transducer system including multiple transducers; and
during a second period of time, generating from the second unit with the second unit transducer system a second